

TO  
Cinda Udelski

## Mallard North Update – August 27, 2009 Meeting

Prepared by RMT, Inc.

EPA Region 5 Records Ctr.



361384

### 1. Completed Activities Since the August 6, 2009 Meeting

- Performed gas monitoring on August 17.
- Continued pumping liquid at EWL-2, MH-2, and the G115 trench sump. Performed routine O&M on the liquid pumping system.
- Continued operation of solar flares at DV-1/UAV-1, DV-3, and SV-12.
- Finalized and submitted the updated cross-sections with data from the new GP probes.
- Updated Low Areas Figure (Handout)
- SWPP and the Notice of Intent was submitted August 10<sup>th</sup>
- The Cover Repair Plan was finalized and submitted August 10<sup>th</sup> (EPA/Weston comments received 8/25)
- The Conceptual Plan for Landfill Gas Collection was submitted August 14<sup>th</sup> (waiting on EPA/Weston comment)
- Continued the preparation of the Final Gas Collection system design
- Landtec pump test performed at GP-30B and -31B on August 14<sup>th</sup>.
- Inquired with Landfill Service Corporation (LSC) on the options to read flow at the solar flares. (LSC is working on a technology to measure flow on the flares and will get back to me. Flow meters will be installed as part of the landfill gas collection system installation.)
- Inquired with LSC on the windscreen options. Windscreens will be installed as part of the landfill gas collection system installation.
- Finalizing contract/costs with Landmarc for the cover repair/winterization work.
- Staking was performed on August 14 and August 18 to finalize the fill volumes.
- A grading plan is being developed for the cover repair work.

### 2. Planned Activities

- Tree removal and air and leachate line trenching
- Soil hauling, earthwork, and pond pumping
- Prepare the final gas collection system design
- Perform a full round of landfill gas and liquid level monitoring on a monthly basis (next round scheduled for mid September)
- Seal MH-1 and MH-2 so methane can be monitored in the trench
- Continued O&M on the leachate extraction system and solar flares, as necessary.
- Determine air permitting requirements

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### 1. Completed Activities Since the August 6, 2009 Meeting

- Performed gas monitoring on August 17. *204 (14) lower CHe*
- Continued pumping liquid at EWL-2, MH-2, and the G115 trench sump. Performed routine O&M on the liquid pumping system.
- Continued operation of solar flares at DV-1/UAV-1, DV-3, and ~~SV-12~~ *Blower issue*
- Finalized and submitted the updated cross-sections with data from the new GP probes.
- Updated Low Areas Figure (Handout)
- SWPP and the Notice of Intent was submitted August 10<sup>th</sup> *Storm water, NPDES*
- The Cover Repair Plan was finalized and submitted August 10<sup>th</sup> (EPA/Weston comments received 8/25)
- The Conceptual Plan for Landfill Gas Collection was submitted August 14<sup>th</sup> (waiting on EPA/Weston comment) *file*
- Continued the preparation of the Final Gas Collection system design
- Landtec pump test performed at GP-30B and -31B on August 14<sup>th</sup>. *Low to no flow*
- Inquired with Landfill Service Corporation (LSC) on the options to read flow at the solar flares. (LSC is working on a technology to measure flow on the flares and will get back to me. Flow meters will be installed as part of the landfill gas collection system installation.)
- Inquired with LSC on the windscreen options. Windscreens will be installed as part of the landfill gas collection system installation.
- Finalizing contract/costs with Landmarc for the cover repair/winterization work.
- Staking was performed on August 14 and August 18 to finalize the fill volumes.
- A grading plan is being developed for the cover repair work. *24,000 lbs of soil will be moved 2-3 wks*

### 2. Planned Activities

- Tree removal and air and leachate line trenching *(next week)*
- Soil hauling, earthwork, and pond pumping *2 weeks*
- Prepare the final gas collection system design
- Perform a full round of landfill gas and liquid level monitoring on a monthly basis (next round scheduled for mid September)
- Seal MH-1 and MH-2 so methane can be monitored in the trench
- Continued O&M on the leachate extraction system and solar flares, as necessary.
- Determine air permitting requirements

*Bill Frank needs a copy of Landfill Gas Collection System*

*Solar  
Flares 90 cfm  
Max flow*